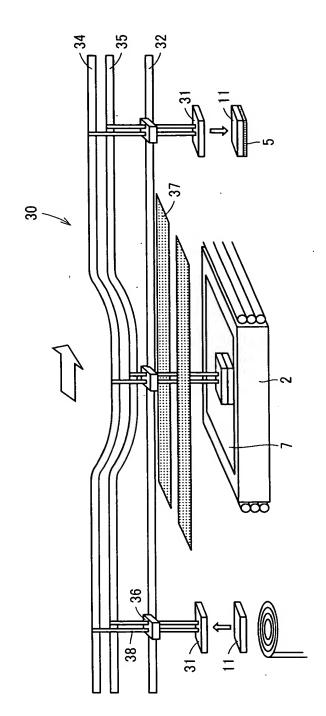
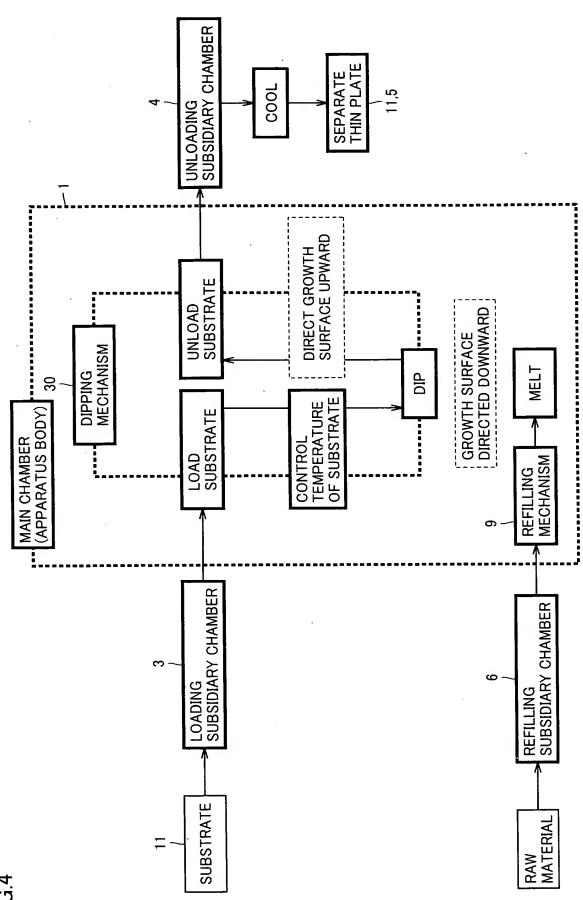


FIG.2

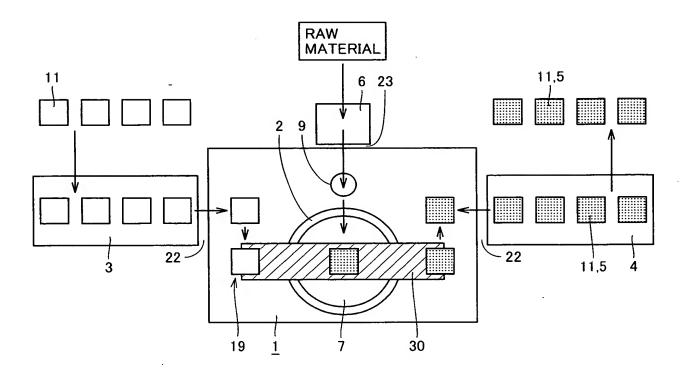


-IG.3



<u>'Ö</u>

FIG.5



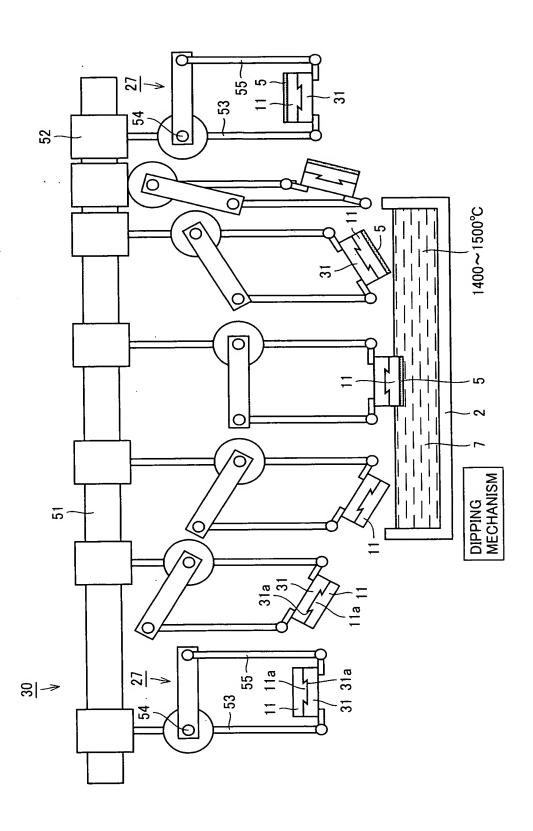


FIG.6

85 8 75 70 65 9 55 20 45 8 35 39 25 20 5 9 വ ELAPSED TIME (SEC.) DISCHARGE SUBSTRATE FROM UNLOADING SUBSIDIARY CHAMBER EVACUATE LOADING SUBSIDIARY LOADING SUBSIDIARY CHAMBER MOUNT ON DIPPING MECHANISM PURGE UNLOADING SUBSIDIARY INTRODUCE SUBSTRATE INTO RETURN DIPPING MECHANISM PURGE LOADING SUBSIDIARY CONTROL TEMPERATURE OF UNLOAD ONE SUBSTRATE DEMOUNT FROM DIPPING EVACUATE UNLOADING SUBSIDIARY CHAMBER LOAD ONE SUBSTRATE DIPPING OPERATION CHAMBER WITH Ar CHAMBER WITH Ar SUBSTRATE MECHANISM CHAMBER STEP

FIG

FIG.8

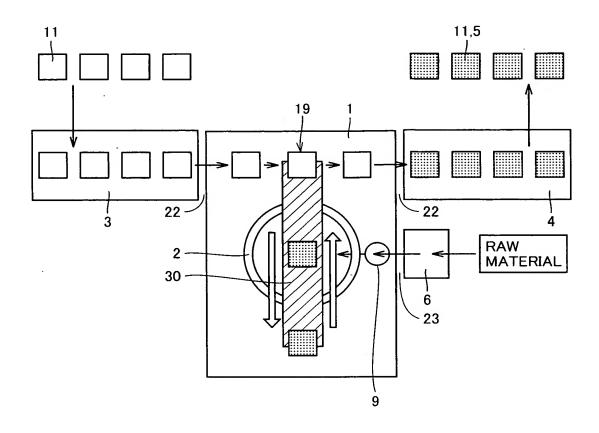
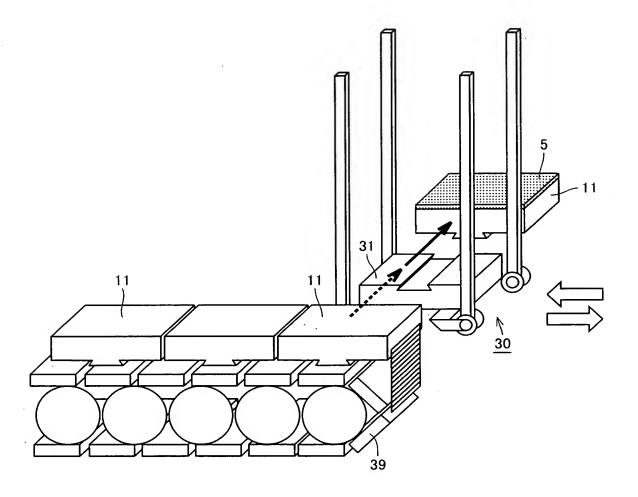


FIG.9



STEP (SEC.)	0	5	10	15	20	25	30	35	40	45	20	55	09	65	70	75	80
INTRODUCE SUBSTRATE INTO LOADING SUBSIDIARY CHAMBER		A														İ	A
EVACUATE LOADING SUBSIDIARY CHAMBER			Ť														
PURGE LOADING SUBSIDIARY CHAMBER WITH Ar				1													
LOAD ONE SUBSTRATE					Ť		A			A		ŧ					
MOUNT ON DIPPING MECHANISM	_	•			Ť			4		Ť	•		A				
CONTROL TEMPERATURE OF SUBSTRATE					•	4		Ą	-		ŧ		Ŧ				
DIPPING OPERATION						 	A	#	Ť		I	A					
RETURN DIPPING MECHANISM		•					†			A		ŧ			†		
DEMOUNT FROM DIPPING MECHANISM							•	A		•			A		A		
UNLOAD ONE SUBSTRATE								†			Ą		A			↑	
DISCHARGE SUBSTRATE FROM UNLOADING SUBSIDIARY CHAMBER		A														İ	A
EVACUATE UNLOADING SUBSIDIARY CHAMBER			Ť														
PURGE UNLOADING SUBSIDIARY CHAMBER WITH Ar				1													

FIG. 10

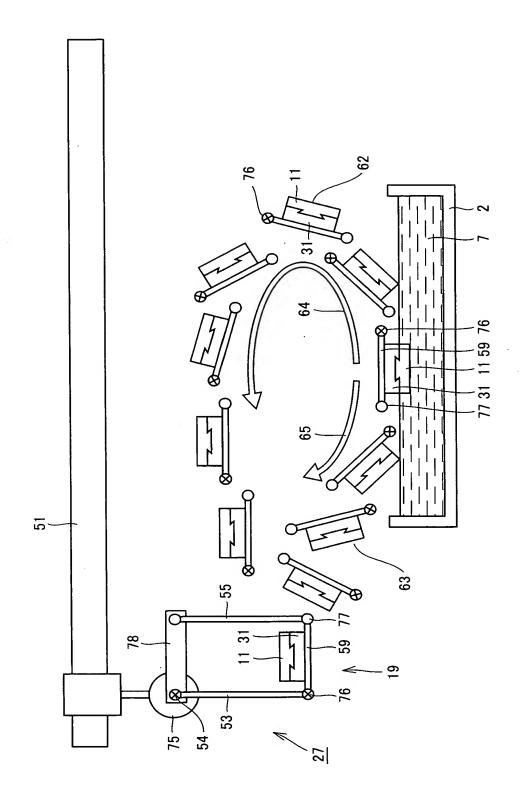


FIG. 11

FIG.12

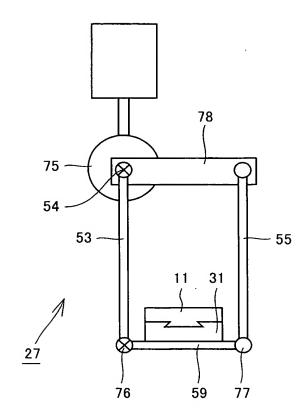


FIG.13

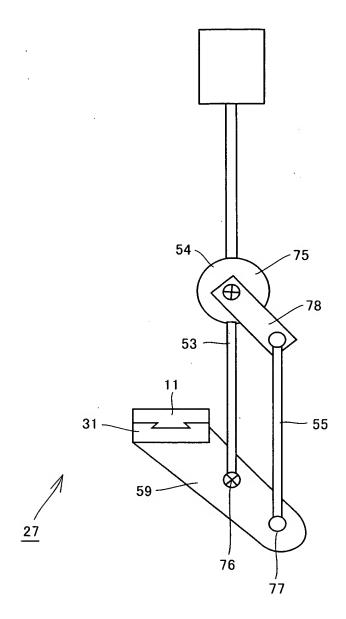


FIG.14

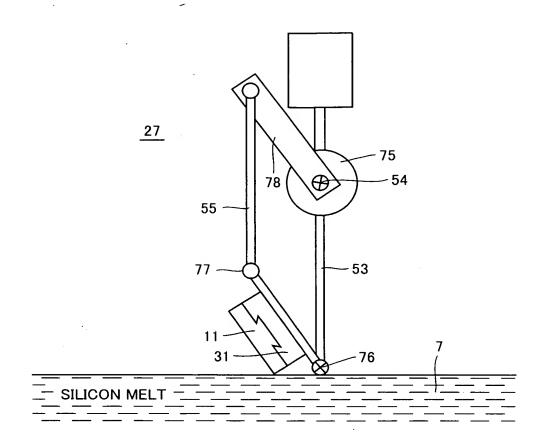


FIG.15

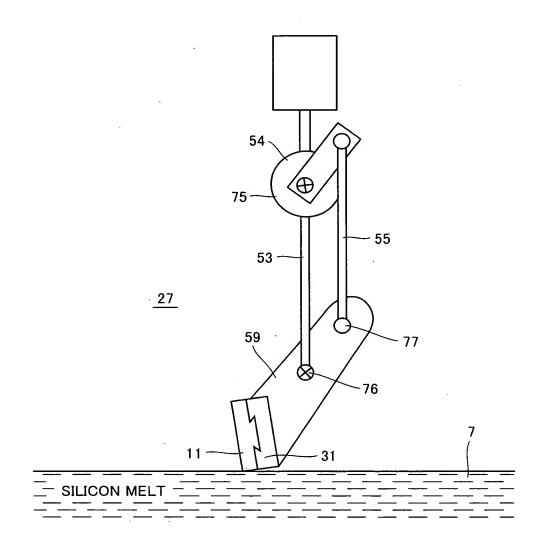


FIG.16

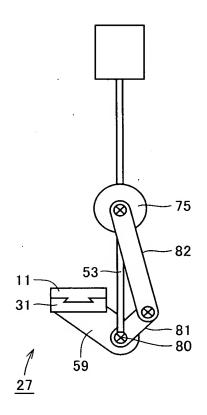


FIG.17

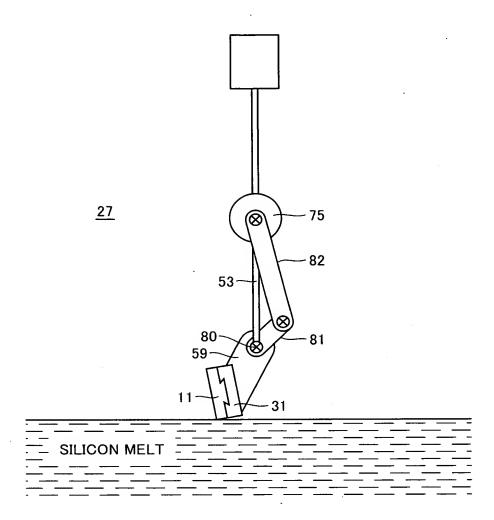
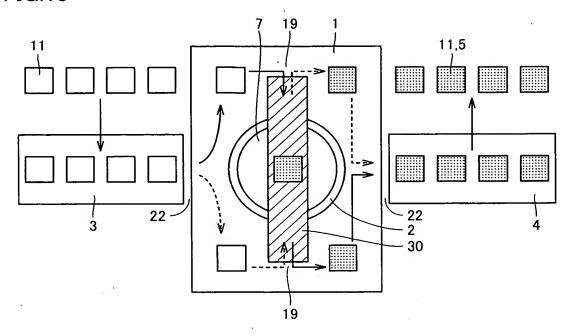


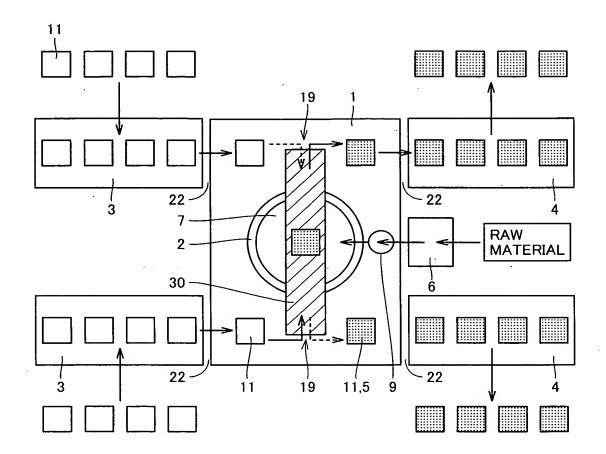
FIG.18

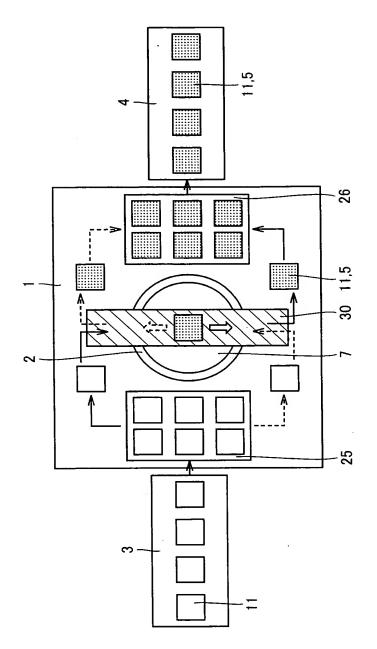


2 65 9 55 50 45 40 35 30 25 20 15 9 വ ELAPSED TIME (SEC.) DISCHARGE SUBSTRATE FROM UNLOADING SUBSIDIARY CHAMBER EVACUATE LOADING SUBSIDIARY INTRODUCE SUBSTRATE INTO LOADING SUBSIDIARY CHAMBER MOUNT ON DIPPING MECHANISM PURGE UNLOADING SUBSIDIARY PURGE LOADING SUBSIDIARY CHAMBER WITH Ar CONTROL TEMPERATURE OF UNLOAD ONE SUBSTRATE DEMOUNT FROM DIPPING **EVACUATE UNLOADING** LOAD ONE SUBSTRATE SUBSIDIARY CHAMBER **DIPPING OPERATION** CHAMBER WITH Ar MECHANISM SUBSTRATE CHAMBER STEP

FIG.19

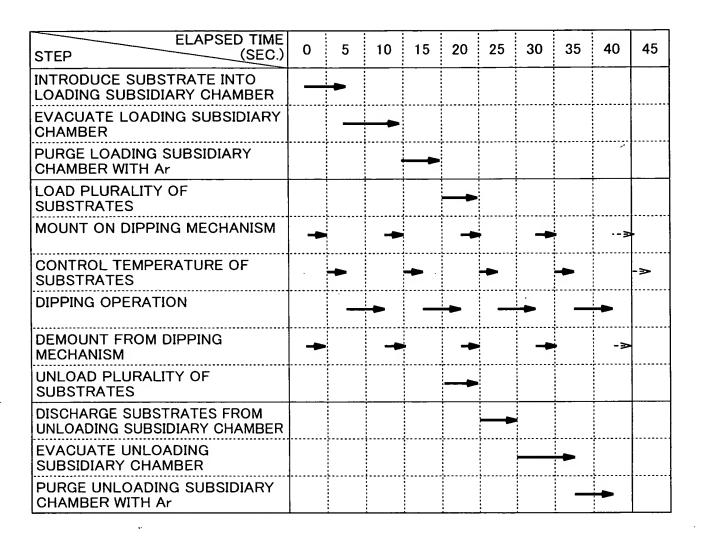
FIG.20





IG.21

FIG.22



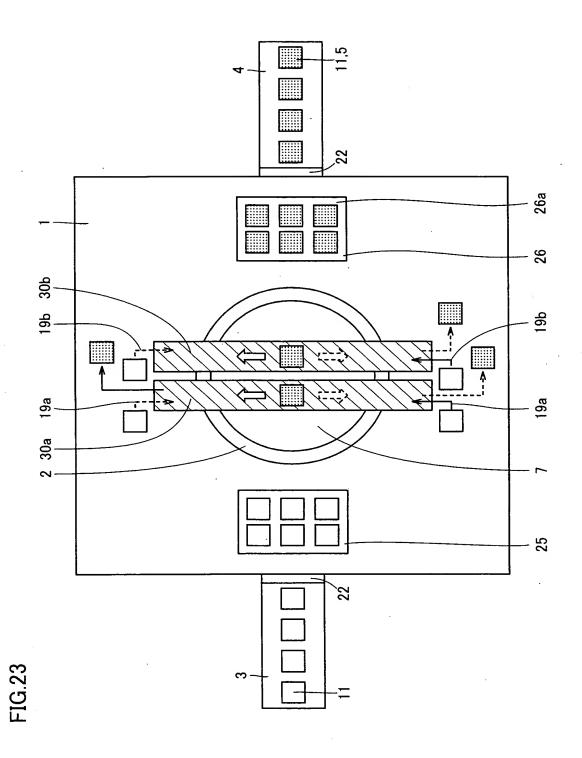


FIG.24

STEP ELAPSED TIME (SEC.)	0	5	10	15	20	25	30
INTRODUCE SUBSTRATE INTO LOADING SUBSIDIARY CHAMBER		-					
EVACUATE LOADING SUBSIDIARY CHAMBER			-				
PURGE LOADING SUBSIDIARY CHAMBER WITH Ar							
LOAD PLURALITY OF SUBSTRATES					-		- !
(FIRST DIPPING MECHANISM)							
MOUNT ON DIPPING MECHANISM		-	-		->		
CONTROL TEMPERATURE OF SUBSTRATES		-		-		-≫	,
DIPPING OPERATION			-		-		-∌>
DEMOUNT FROM DIPPING MECHANISM	-≫		-		→		≥
(SECOND DIPPING MECHANISM)							
MOUNT ON DIPPING MECHANISM		→	•	••		->	
CONTROL TEMPERATURE OF SUBSTRATES			-		>		-≫
DIPPING OPERATION	_	-	_	-		•	
DEMOUNT FROM DIPPING MECHANISM		-∌		.0		.0	
UNLOAD PLURALITY OF SUBSTRATES	_	-		,			
DISCHARGE SUBSTRATES FROM UNLOADING SUBSIDIARY CHAMBER		_	-				
EVACUATE UNLOADING SUBSIDIARY CHAMBER			_	-			
PURGE UNLOADING SUBSIDIARY CHAMBER WITH Ar					-		

FIG.25

